



PTO/SB/21 (08-03)
Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/613,222
		Filing Date	July 3, 2003
		First Named Inventor	Rubinfeld
		Art Unit	1645
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	12636-330.201

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> PTO/SB/08A, 16 references
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Maya Skubatch, Reg. No. 52,505 WILSON SONSINI GOODRICH & ROSATI Customer No. 021971	
Signature		
Date	12/5/03	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Tami O'Bryant	
Signature		Date
		10/8/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

Attorney Docket No. 12636-330.201

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	<u>PATENT APPLICATION</u>
)	
Inventor(s): Rubinfeld)	
)	
Application No.: 10/613,222)	Art Unit: 1645
)	
Filed: July 3, 2003)	Examiner: Unassigned
)	
Title RESTORING CANCER-SUPPRESSING)	
FUNCTIONS TO NEOPLASTIC CELLS)	
THROUGH DNA HYPMETHYLATION)	
(AS AMENDED))	

Mail Stop IDS
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- (2) It is being filed within 3 months of entry of a national stage
-- OR --
- (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

- a certification as specified in §1.97(e) is provided below; **or**
- a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

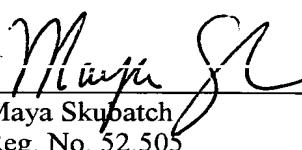
Fee Authorization. The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 12636-330.201).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Dated: 12/14/03

650 Page Mill Road
Palo Alto, CA 94304-1050
(650) 493-9300
Customer No. 021971

By: 
Maya Skubatch
Reg. No. 52,505



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>				Complete if Known	
				Application No.	10/613,222
				Filing Date	July 3, 2003
				First Named Inventor	Rubinfeld
				Art Unit	1645
				Examiner Name	Unassigned
Sheet	1	Of	2	Attorney Docket No.	12636-330.201

OTHER PRIOR ART – NON PATENT RELATED DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		Debusscher et al., Phase I-II Trial of 5-AZA-2'-Deoxycytidine in Adult Patients with Acute Leukemia, <i>Leukemia Research</i> , Vol. 5, pp. 131-142, 1981	
		Kantarjian et al., Decitabine Studies in Chronic and Acute Myelogenous Leukemia, <i>Leukemia</i> , Vol. 11, Supp. 1, pp. S35-S36, 1997.	
		Kantarjian et al., Results of Decitabine Therapy in the Accelerated and Blastic Phases of Chronic Myelogenous Leukemia, <i>Leukemia</i> , Vol. 11, Supp. 1, pp. 1617-1620, 1997.	
		Koshy et al., 2-Deoxy 5-Azacytidine and Fetal Hemoglobin Induction in Sickle Cell Anemia, <i>Blood: The Journal of The American Society of Hematology</i> , Vol. 96, No. 7, pp. 2379-2384, 2000.	
		Momparler et al., Clinical Trial on 5-AZA-2'-Deoxycytidine in Patients with Acute Leukemia, <i>Pharmac. Ther.</i> , Vol. 30, pp. 277-286, 1985.	
		Momparler et al., 5-AZA-2'-Deoxycytidine Therapy in Patients with Acute Leukemia Inhibits DNA Methylation, <i>Leukemia Research</i> , Vol. 8, No. 2, pp. 181-185, 1984.	
		Pinto et al., 5-AZA-2'-Deoxycytidine as a Differentiation Inducer in Acute Myeloid Lukaemias and Myelodysplastic Syndromes of the Elderly, <i>Bone Marrow Transplantation</i> , Vol. 4, Supp. 3, pp. 28-32, 1989.	
		Pinto et al., 5-AZA-2'-Deoxycytidine as a Differentiation Inducer in Human Hemopoietic Malignancies: Preliminary Observations on the <i>in vivo</i> Modulation of Leukemia Cell Phenotype and Correlations with Clinical Response, <i>Leukemia Research</i> , Vol. 8, pp. 143-164, 1984	
		Rivard et al., Phase I Study on 5-AZA-2'-Deoxycytidine in Children with Acute Leukemia, <i>Leukemia Research</i> , Vol. 5, No. 6, pp. 453-462, 1981.	
		Sacchi et al., Decitabine, a Hypomethylating Agent, is Active for the Treatment of Chronic Myelogenous Leukemia (CML) in Non-Lymphoid Blastic Phase (BP), <i>Blood: The Journal of The American Society of Hematology</i> , Vol. 92, No. 10, Supp. 1, pp. 252a, 1998.	
		Schwartzmann et al., (5-AZA-2'-Deoxycytidine; DAC) Plus Daunorubicin as a First Line Treatment in Patients With Acute Myeloid Leukemia: Preliminary Observations, <i>Leukemia</i> , Vol. 11, Supp. 1, pp. S28-S31, 1997.	
		Wijermans et al., Continuous Infusion of Low-Dose 5-AZA-2'-Deoxycytidine in Elderly Patients with High-Risk Myelodysplastic Syndrome, <i>Leukemia</i> , Vol. 11, Supp. 1, pp. 1-5, 1997.	
EXAMINER SIGNATURE		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional) 2. See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST .16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. Department of Commerce

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

Application No.	10/613,222
Filing Date	July 3, 2003
First Named Inventor	Rubinfeld
Art Unit	1645
Examiner Name	Unassigned

Sheet

2

Of

2

Attorney Docket No.

12636-330.201

OTHER PRIOR ART – NON PATENT RELATED DOCUMENTS

		Wijermans et al., DNA Demethylating Therapy in MDS: The Experience with 5-AZA-2'-Deoxycytidine (Decitabine), <i>Blood: The Journal of The American Society of Hematology</i> , Vol. 94, No. 16, Supp. 1, pp. 306a, 1999	
		Wijermans et al., Low-Dose 5-AZA-2'-Deoxycytidine, a DNA Hypomethylating Agent, for the Treatment of High-Risk Myelodysplastic Syndrome: A Multicenter Phase II Study in Elderly Patients, <i>Journal of Clinical Oncology</i> , Vol. 18, No. 5, pp. 956-962, 2000.	
		Willemze et al., A Randomized Phase II Study on the Effects of 5-AZA-2'-Deoxycytidine Combined with Either Amsacrine or Idarubicin in Patients with Relapsed Acute Leukemia: an EORTC Leukemia Cooperative Group Phase II Study (06893), <i>Leukemia</i> , Vol. 11, Supp. 1, pp. S24-S27, 1997.	
		Zagonel et al., 5-AZA-2'-Deoxycytidine (Decitabine) Induces Trilineage Response in Unfavourable Myelodysplastic Syndromes, <i>Leukemia</i> , Vol. 7, Supp. 1, pp. 30-35, 1993.	
EXAMINER SIGNATURE		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.